

ABSTRACT OF THE DISCLOSURE

It is an object of the present invention to reduce the weight of a stage unit and suppress heat generation of the driving unit of the stage, thereby improving the surface accuracy of the stage or measurement precision of an interferometer for measuring the position of the stage. A reticle base, a scanning stage mounted on the reticle stage and moved in the scanning direction, and a fine adjustment stage mounted on the scanning stage and capable of being finely moved in the X and Y directions and in the rotational direction are provided as a reticle stage. A first electromagnetic actuator for performing driving in the scanning direction, and a second electromagnetic actuator, having a smaller thrust than that of the first electromagnetic actuator, for performing driving in a direction perpendicular to the scanning direction are provided as the driving unit of the fine adjustment stage.